

What is Claimed is:

1. Process for displaying a perspective image (B) with an image element (4A through 4H) for at least one occupant of a vehicle, wherein the image (B) represents the view of the occupant, wherein depending on the roadway ahead (F) the image element (4A through 4H) is changed in at least one characteristic by at least one operating parameter of the vehicle and/or by or of at least one parameter of an object (6) identified in the area of the vehicle preceding roadway (F).
2. Process according to Claim 1, wherein the size of the image element (4A through 4H) is changed in shape, color, position and/or dimension.
3. Process according to Claim 1 or 2, wherein the image element (4A through 4H) exhibits a three dimensional representation.
4. Process according to one of Claims 1 through 3, wherein the roadway (F) is displayed as an image element (4A).
5. Process according to Claim 4, wherein the course of the roadway (F) in the display (B) is continuously conformed or adapted to the natural course of the preceding stretch of road.
6. Process according to one of Claims 1 through 5, wherein the speedometer or tachometer scale (T) is provided as an image element (4B).
7. Process according to Claim 6, wherein the speedometer or tachometer scale (T) is continuously conformed to the course of the roadway (F).

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8. Process according to one of Claims 1 through 7, wherein the speed of the vehicle is detected as an operating parameter.
9. Process according to one of Claims 1 through 8, wherein the operating parameter of the vehicle is provided as an image element (4D).
10. Process according to one of Claims 1 through 9, wherein the speed, type and/or dimension of the object (6) are determined and evaluated as a parameter.
11. Process according to one of Claims 1 through 10, wherein in the area of the roadway (F) the object (6) is classified and evaluated as to type selected from the group consisting of vehicle, obstacle, pedestrian and/or traffic sign.
12. Process according to one of Claims 1 through 11, wherein a symbol representing the object (6) is provided as image element (4E, 4G through 4H).
13. Process according to one of Claims 1 through 12, wherein the actual detected value of the operating parameter of the vehicle and/or the parameter of the object (6) is provided as an image element (4D).
14. Process according to one of Claims 1 through 13, wherein an acoustic and/or an optical signal is emitted upon exceeding and/or falling below a threshold value for a characteristic of the roadway (F), the operating parameter of the vehicle, or a parameter of the object (6) or the image elements (4A through 4H).

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15. Process according to Claim 14, wherein the threshold value is predetermined.
  16. Process according to Claim 14 or 15, wherein the displayed speedometer or tachometer scale (T) is changed in at least one characteristic upon exceeding and/or falling below the threshold value of the vehicle (F), the operating parameters of the vehicle and/or the parameters of the object (6).
  17. Process according to one of Claims 1 through 17, wherein a directional indicator for the roadway preceding ones own vehicle is provided as an image element (4F).
  18. Process according to one of Claims 1 through 17, wherein the image (B) is displayed on a display surface in the dashboard or instrument panel (8) or in the field of view of the windshield of the vehicle.
  19. Display device (1) for at least one occupant of a vehicle, with a segment (2) for display of a perspective image (B) of a preceding roadway (F) including an area for an image element (4A through 4H), wherein the image element (4A through 4H) is changeable in at least one characteristic depending upon the preceding roadway (F), at least one operating parameter of the vehicle and/or at least one parameter of an object (6) identified in the roadway (F).
  20. Display device (1) according to Claim 19, wherein as characteristic of the image element (4A through 4H) the shape, color, position and/or dimension thereof is changeable.

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21. Display device (1) according to Claim 19 or 20, wherein a roadway (F) represented three dimensionally is provided as image element (4A).
22. Display device (1) according to one of Claims 19 through 21, wherein at least one measurement technical means is provided for determining the vehicle path (F), the operating parameter of the vehicle and/or the parameter of the object (6).
23. Display device (1) according to one of Claims 19 through 22, wherein a navigation information system is provided for determining the roadway (F) and/or the object (6).
24. Display device (1) according to one of Claims 19 through 23, wherein as the segment (2) a multi-color segment is provided.
25. Display device (1) according to one of Claims 19 through 24, wherein an acoustic emitter is provided.
26. Use of a display device (1) according to one of Claims 19 through 25, in conjunction with a distance maintaining system, a speed maintaining system and/or in a navigation system.

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